

Kang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,667
citations

933447

10
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

1368
citing authors

#	ARTICLE	IF	CITATIONS
1	CE-Net: Context Encoder Network for 2D Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2019, 38, 2281-2292.	8.9	1,266
2	Encoding Structure-Texture Relation with P-Net for Anomaly Detection in Retinal Images. Lecture Notes in Computer Science, 2020, , 360-377.	1.3	55
3	Sparse-Gan: Sparsity-Constrained Generative Adversarial Network for Anomaly Detection in Retinal OCT Image. , 2020, , .		50
4	Multi-Cell Multi-Task Convolutional Neural Networks for Diabetic Retinopathy Grading. , 2018, 2018, 2724-2727.		48
5	Noise Adaptation Generative Adversarial Network for Medical Image Analysis. IEEE Transactions on Medical Imaging, 2020, 39, 1149-1159.	8.9	43
6	Assessment of Generative Adversarial Networks Model for Synthetic Optical Coherence Tomography Images of Retinal Disorders. Translational Vision Science and Technology, 2020, 9, 29.	2.2	35
7	Automatic Segmentation and Visualization of Choroid in OCT with Knowledge Infused Deep Learning. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 3408-3420.	6.3	34
8	Ki-GAN: Knowledge Infusion Generative Adversarial Network for Photoacoustic Image Reconstruction In Vivo. Lecture Notes in Computer Science, 2019, , 273-281.	1.3	21
9	Memorizing Structure-Texture Correspondence for Image Anomaly Detection. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2335-2349.	11.3	18
10	High signal-to-noise ratio reconstruction of low bit-depth optical coherence tomography using deep learning. Journal of Biomedical Optics, 2020, 25, .	2.6	15
11	Proxy-Bridged Image Reconstruction Network for Anomaly Detection in Medical Images. IEEE Transactions on Medical Imaging, 2022, 41, 582-594.	8.9	13
12	DeepDisc: Optic Disc Segmentation Based on Atrous Convolution and Spatial Pyramid Pooling. Lecture Notes in Computer Science, 2018, , 253-260.	1.3	12
13	Automated retinal lesion detection via image saliency analysis. Medical Physics, 2019, 46, 4531-4544.	3.0	10
14	SUNet: A Lesion Regularized Model for Simultaneous Diabetic Retinopathy and Diabetic Macular Edema Grading. , 2020, , .		10
15	Digital resolution enhancement in low transverse sampling optical coherence tomography angiography using deep learning. OSA Continuum, 2020, 3, 1664.	1.8	8
16	Hybrid Neural Network for Photoacoustic Imaging Reconstruction. , 2019, 2019, 6367-6370.		7
17	Perceptual-Assisted Adversarial Adaptation for Choroid Segmentation in Optical Coherence Tomography. , 2020, , .		7
18	Chest X-Ray Diagnostic Quality Assessment: How Much Is Pixel-Wise Supervision Needed?. IEEE Transactions on Medical Imaging, 2022, 41, 1711-1723.	8.9	6

#	ARTICLE	IF	CITATIONS
19	Open-Set OCT Image Recognition with Synthetic Learning. , 2020, , .		5
20	Correction to “Noise Adaptation Generative Adversarial Network for Medical Image Analysis” IEEE Transactions on Medical Imaging, 2020, 39, 2566-2567.	8.9	1
21	Memory-Assisted Dual-End Adaptation Network For Choroid Segmentation In Multi-Domain Optical Coherence Tomography. , 2021, , .		0